



PRODUCT SPECIFICATION

July 2019

Product: 1,3-Dioxolane

Formula: C₃H₆O₂

CAS No: 646-06-0

UN No: 1166

QUALITY SPECIFICATIONS

Assay (%wt)	>99.9% min
Acidity (as Formic Acid)	<30 ppm max
Moisture Content (by KF)	250 ppm max
Peroxide Content (as H ₂ O ₂)	<10 ppm max
Color	10 APHA max
Stabilized with BHT	75 ppm max
2, Methyl-1,3-Dioxolane	<200 ppm max

PHYSICAL PROPERTIES

Appearance	Clear, colorless liquid
Relative Density (at 20°C)	1.066
Melting/Freezing Point	-95°C (-139°F)
Boiling Point (at 760 mmHg)	75.6°C (168.1°F)
Vapor Density (Air=1)	2.6
Flash Point (closed cup)	-6°C (21°F)
Solubility in Water	Complete

PACKAGING

200 kg (440.9 lbs) Net Steel Drum

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